

ABSTRACT

A scheduling method capable of suppressing, in a multicarrier transmission for which a data channel is scheduled, interferences with adjacent cells to suppress
5 reduction of the line capacity, while preventing reduction of the throughput. This method selects a mobile station, to which the data channel is to be assigned, based on the line quality of the control channel for each of OFDM symbols in the time axis direction, while assigning,
10 based on the line quality of the data channel, the data channel of each mobile station for each of the subcarriers in the frequency axis direction. That is, the method performs, based on the line quality of the control channel, the data channel scheduling in the time axis direction,
15 while performing, based on the line quality of the data channel, the data channel scheduling in the frequency axis direction.